Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: ANACONDA ALUMINUM CO COLUMBIA FALLS REDUCTION PLANT **EPA ID:** MTD057561763

HE Survey Status: Insufficient Data to Determine Human Exposure Control Status

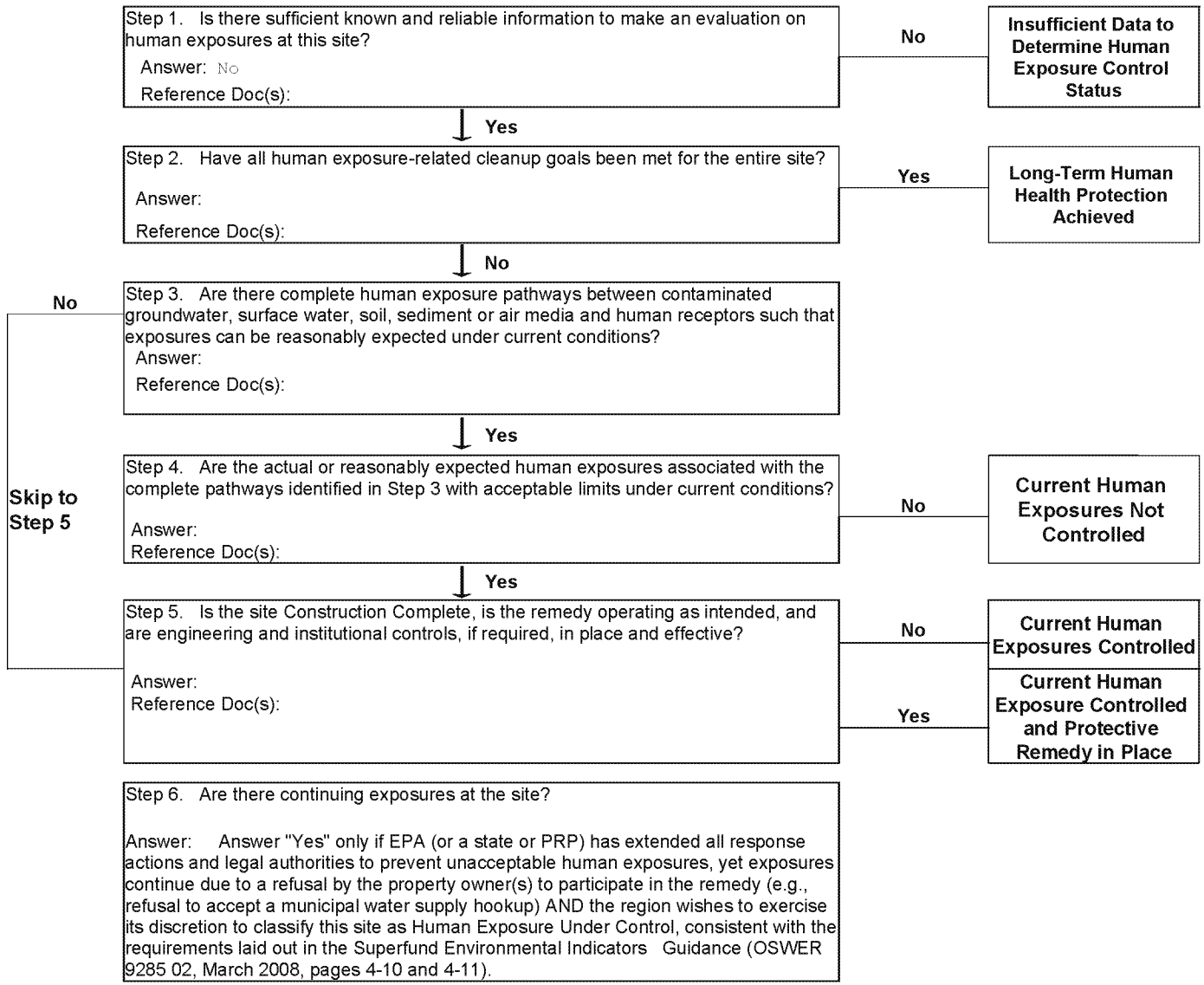
Estimated Under Control Date:

Estimated Date for Sufficient Information to make a HE Determination (if HEID): 12/31/23

Estimated LTHHP will be Achieved:

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

An Administrative Order on Consent for RI/FS was recently signed. Field investigations are planned for 2016. Once data has been collected and validated, a conceptual site model will be developed which will show all the human exposure pathways. This is anticipated to be developed in 2017.



Remedial Project Manager Cirian, Mike	**Date Completed**

Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

Site Name: ANACONDA ALUMINUM CO COLUMBIA FALLS REDUCTION PLANT **EPA ID:** MTD057561763

GW Survey Status: Insufficient Data to Determine Contaminated Groundwater Migration Control Status

Estimated Under Control Date:

Estimated Date for Sufficient Information to Make a GM Determination (if GMID): 12/31/23

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?
Answer: Yes

No → Stop, you do not need to complete the GM EI

Yes

Insufficient Data/No

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?
Answer: Insufficient Data
Reference Doc(s):

Yes

Insufficient Data

Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?
Answer:
Reference Doc(s):

No → Contaminated Ground Water Migration Under Control

Yes

Insufficient Data

Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?
Answer:
Reference Doc(s):

No

Yes

Insufficient Data

Step 4. Does "contaminated" ground water discharge into surface water bodies?
Answer:
Reference Doc(s):

No

Yes

Insufficient Data

Step 5. Can the discharge of "contaminated" ground water into the surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented.
Answer:
Reference Doc(s):

No

Yes

Insufficient Data

Step 6. Will ground water monitoring/measurement data (and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water?
Answer:
Reference Doc(s):

No

Yes

- Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status
- Contaminated Ground Water Migration Under Control
- Contaminated Ground Water Migration Not Under Control